gaa gca c Glu Ala I 210	ctt ggt Leu Gly	ctt gct Leu Ala	ttg Leu 215	ccg Pro	ggt Gly	aat Asn	gga Gly	acc Thr 220	att Ile	ctg Leu	gca Ala	aca Thr	672
tct ccg ( Ser Pro ( 225	gaa cgc Glu Arg	aaa gag Lys Glu 230	Phe	gtg Val	aga Arg	aaa Lys	tcg Ser 235	gct Ala	gcg Ala	caa Gln	tta Leu	atg Met 240	720
gaa acg a Glu Thr 1	att cgc Ile Arg	aaa gat Lys Asp 245	atc Ile	aaa Lys	ccg Pro	cgt Arg 250	gat Asp	att Ile	gtt Val	aca Thr	gta Val 255	aaa Lys	768
gcg att o	gat aac Asp Asn 260	gcg ttt Ala Phe	gca Ala	ctc Leu	gat Asp 265	atg Met	gcg Ala	ctc Leu	gga Gly	ggt Gly 270	tct Ser	aca Thr	816
aat acc (	gtt ctt Val Leu 275	cat acc	ctt Leu	gcc Ala 280	ctt Leu	gca Ala	aac Asn	gaa Glu	gcc Ala 285	ggc Gly	gtt Val	gaa Glu	864
tac tct Tyr Ser : 290	tta gaa Leu Glu	cgc att Arg Ile	aac Asn 295	gaa Glu	gtc Val	gct Ala	gag Glu	cgc Arg 300	gtg Val	ccg Pro	cac His	ttg Leu	912
gct aag Ala Lys 305	ctg gcg Leu Ala	cct gca Pro Ala 310	a Ser	gat Asp	gtg Val	ttt Phe	att Ile 315	gaa Glu	gat Asp	ctt Leu	cac His	gaa Glu 320	960
gcg ggc Ala Gly	ggc gtt Gly Val	tca gcc Ser Ala 325	g gct a Ala	ctg Leu	aat Asn	gag Glu 330	ctt Leu	tcg Ser	aag Lys	aaa Lys	gaa Glu 335	gga Gly	1008
gcg ctt Ala Leu	cat tta His Leu 340	Asp Ala	g ctg a Leu	act Thr	gtt Val 345	aca Thr	gga Gly	aaa Lys	act Thr	ctt Leu 350	gga Gly	gaa Glu	1056
acc att Thr Ile	gcc gga Ala Gly 355	cat ga	a gta ı Val	aag Lys 360	gat Asp	tat Tyr	gac Asp	gtc Val	att Ile 365	cac His	ccg Pro	ctg Leu	1104
gat caa Asp Gln 370	cca tto Pro Phe	act ga Thr Gl	a aag u Lys 375	Gly	ggc Gly	ctt Leu	gct Ala	gtt Val 380	tta Leu	ttc Phe	ggt Gly	aat Asn	1152
cta gct Leu Ala 385	ccg gad Pro Asp	ggc gc Gly Al 39	a Ile	att	aaa Lys	aca Thr	ggc Gly 395	ggc	gta Val	cag Gln	aat Asn	ggg Gly 400	1200
att aca Ile Thr	aga cad Arg His	gaa gg Glu Gl 405	g ccg y Pro	gct Ala	gtc Val	gta Val 410	Phe	gat Asp	tct Ser	cag Gln	gac Asp 415	GLu	1248
gcg ctt Ala Leu	gac ggc Asp Gly	y Ile Il	c aac e Asn	cga Arg	aaa Lys 425	Val	aaa Lys	gaa Glu	ggc Gly	gac Asp 430	val	gtc Val	1296
atc atc Ile Ile	aga ta Arg Ty: 435	c gaa gg r Glu Gl	g cca y Pro	aaa Lys 440	Gly	gga Gly	. cct Pro	ggc Gly	atg Met 445	Pro	gaa Glu	atg Met	1344
ctg gcg	cca ac	a tcc ca	a ato	gtt	. gga	. atç	ı gga	cto	ggg	l cca	ı aaa	gtg	1392

Leu Ala Pro 450	Thr Ser	Gln Ile 455	Val	Gly Me	et Gly	Leu 460	Gly	Pro	Lys	Val	
gca ttg att Ala Leu Ile 465											1440
atc ggc cac Ile Gly His				Ala Gl							1488
gtt gaa aac Val Glu Asn			Ile								1536
gat gta caa Asp Val Gln 515											1584
aaa ggt ttt Lys Gly Phe 530											1632
aaa ctt gtg Lys Leu Val 545	aca agt Thr Ser	gcc aac Ala Asn 550	acc Thr	ggc go Gly Gl	gt att ly Ile 555	atg Met	aaa Lys	atc Ile			1674
<210> 38											
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<pre>&lt;211&gt; 558 &lt;212&gt; PRT &lt;213&gt; Bacil: &lt;400&gt; 38 Met Ala Glu</pre>	Leu Arg 5 Ser Leu 20 Phe Ile His Leu	Ser Asn Leu Arg Ala Val Gln Glu 55	Ala Cys 40 Phe	Ala G. 25 Asn Se	10 ly Val er Tyr ys Ile	Lys Ile Val 60	Glu Asp 45 Lys	Glu 30 Ile Glu	15 Asp Val Ala	Phe Pro Ile	
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Gly Gly Pro Met Ala Ala Gly Arg Thr Ser Tyr Gly Arg Lys Ile Ser Leu Ser Ser Val Phe Glu Gly Val Gly Ala Tyr Gln Ala Gly Lys Ile Asn Glu Asn Glu Leu Gln Glu Leu Gln Phe Gly Cys Pro Thr Cys 185 Gly Ser Cys Ser Gly Met Phe Thr Ala Asn Ser Met Asn Cys Leu Ser 200 Glu Ala Leu Gly Leu Ala Leu Pro Gly Asn Gly Thr Ile Leu Ala Thr Ser Pro Glu Arg Lys Glu Phe Val Arg Lys Ser Ala Ala Gln Leu Met 225 Glu Thr Ile Arg Lys Asp Ile Lys Pro Arg Asp Ile Val Thr Val Lys Ala Ile Asp Asn Ala Phe Ala Leu Asp Met Ala Leu Gly Gly Ser Thr 260 Asn Thr Val Leu His Thr Leu Ala Leu Ala Asn Glu Ala Gly Val Glu 280 Tyr Ser Leu Glu Arg Ile Asn Glu Val Ala Glu Arg Val Pro His Leu 290 295 Ala Lys Leu Ala Pro Ala Ser Asp Val Phe Ile Glu Asp Leu His Glu 315 310 Ala Gly Gly Val Ser Ala Ala Leu Asn Glu Leu Ser Lys Lys Glu Gly 325 Ala Leu His Leu Asp Ala Leu Thr Val Thr Gly Lys Thr Leu Gly Glu 345 Thr Ile Ala Gly His Glu Val Lys Asp Tyr Asp Val Ile His Pro Leu 365 355 360 Asp Gln Pro Phe Thr Glu Lys Gly Gly Leu Ala Val Leu Phe Gly Asn Leu Ala Pro Asp Gly Ala Ile Ile Lys Thr Gly Gly Val Gln Asn Gly 395 390 Ile Thr Arq His Glu Gly Pro Ala Val Val Phe Asp Ser Gln Asp Glu 410 Ala Leu Asp Gly Ile Ile Asn Arg Lys Val Lys Glu Gly Asp Val Val 430 Ile Ile Arg Tyr Glu Gly Pro Lys Gly Gly Pro Gly Met Pro Glu Met

Leu Ala Pro Thr Ser Gln Ile Val Gly Met Gly Leu Gly Pro Lys Val 450 455 460

Ala Leu Ile Thr Asp Gly Arg Phe Ser Gly Ala Ser Arg Gly Leu Ser